

REMARKS

Claims 1-10 have been examined claims 2-4, 6-8, and 10 are amended herein. Accordingly, claims 1-10 are now pending in the application. It is noted with appreciation that claims 1-3 and 7-10 are indicated as reciting allowable subject matter. Reexamination and reconsideration of all objections and rejections is requested.

Claims 2-3 and 7-10 have been amended in response to the claim objections.

Claim 6 has been amended to recite additional features. It is believed that amended claim 6 is patentable over the cited prior art. Claims 4-10 which depend on claim 4 are thus also allowable.

Annotated replacement Figs. 1 and 2 are included. Annotated Fig. 2 addresses the issues raised in paragraph 3 office action and annotated Fig. 1 addresses the issues raised in paragraph 5 of the office action.

New Fig. 1A has been submitted to address the issues raised in paragraph 4 of the office action. No new matter is introduced because the figure conforms to the specification.


The specification has been amended to refer to new Fig. 1A.

CONCLUSION

In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at (925) 944-3320.

Respectfully submitted,

  
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SERVER

CLIENT

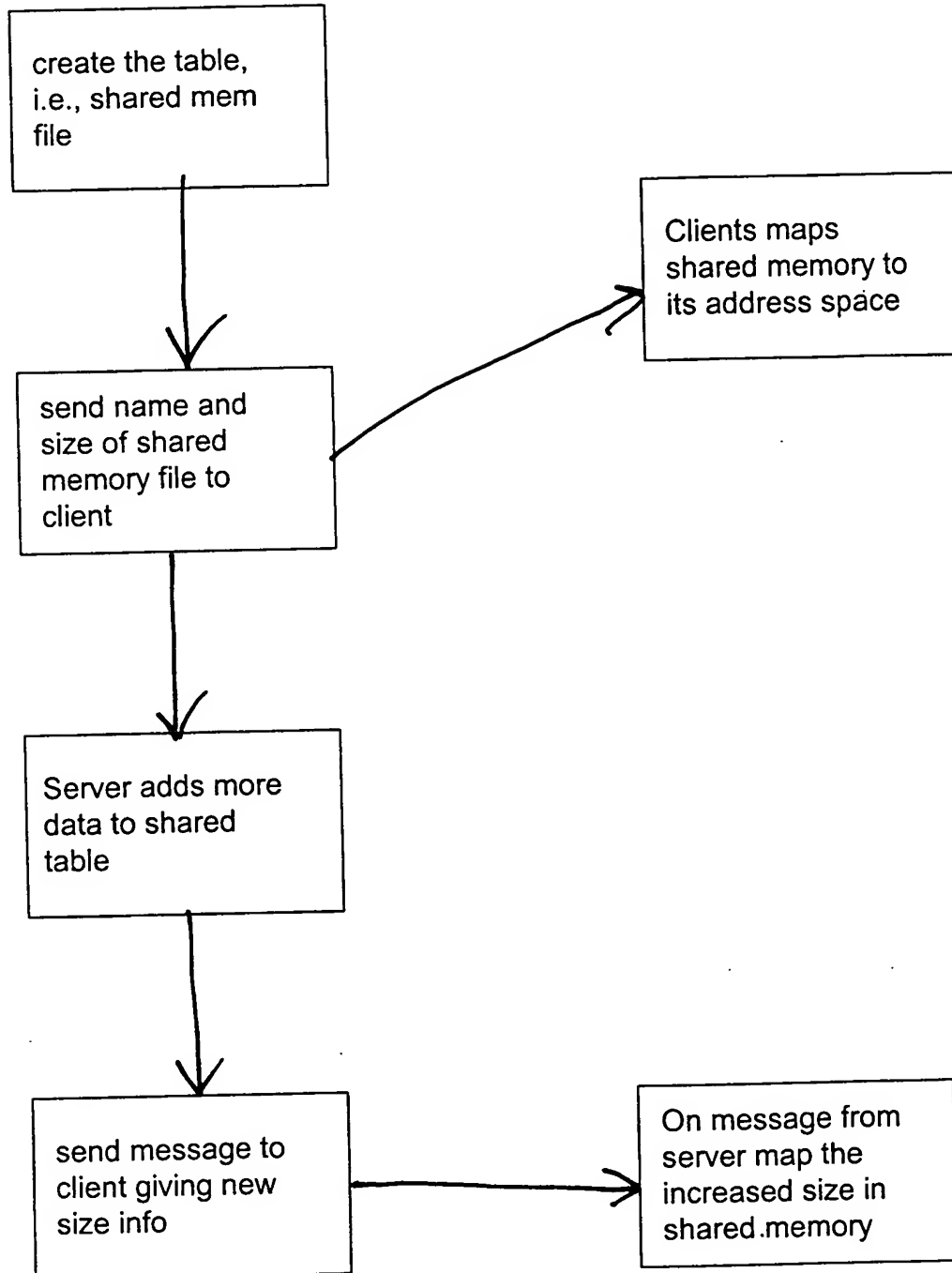


Fig. 1

PRIOR ART



~~SERVER~~  
SYSTEM  
CODE

~~CLIENT~~  
FIRST  
PROCESS

~~server adds more  
data to shared  
table~~

ALLOCATE  
ADDITIONAL  
SHARED MEMORY

MAINTAIN ACCESS  
INFORMATION IDENTIFYING  
ALL CLIENT PROCESSES  
HAVING ACCESS TO SHARED MEMORY

~~server accesses  
PIDs of all clients  
attached to shared  
memory~~

IDENTIFY A SECOND  
PROCESS HAVING  
ACCESS TO SHARED  
MEMORY

MAP ADDITIONAL  
SHARED MEMORY  
INTO ADDRESS SPACE  
OF SECOND PROCESS

server uses  
mmap\_peer () to  
map added shared  
memory into address  
space of all clients

USE PEER MAPPING  
SYSTEM CALL TO  
REQUEST MAPPING  
ADDITIONAL SHARED  
MEMORY INTO  
ADDRESS SPACE  
OF SECOND  
PROCESS

Fig. 2